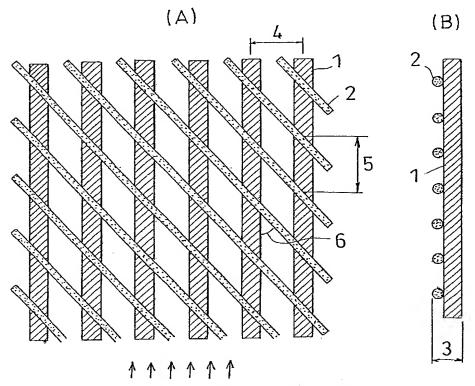
SPIRAL TYPE SEPARATION MEMBRANE ELEMENT Shinichi CHIKURA et al.

Appl. No.: Not Yet Assigned Atty Docket: UNIU79.074APC

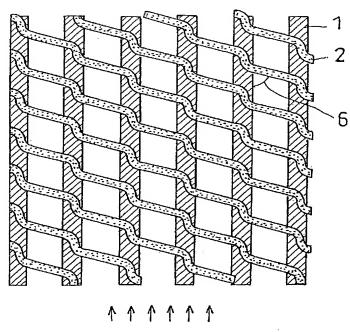
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[FIG.1]



DIRECTION OF FEED FLUID FLOW

[FIG.2]



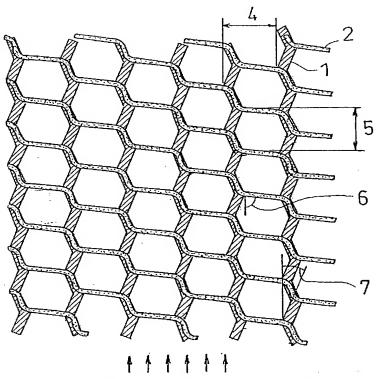
DIRECTION OF FEED FLUID FLOW

SPIRAL TYPE SEPARATION MEMBRANE ELEMENT Shinichi CHIKURA et al.

Appl. No.: Not Yet Assigned Atty Docket: UNIU79.074APC

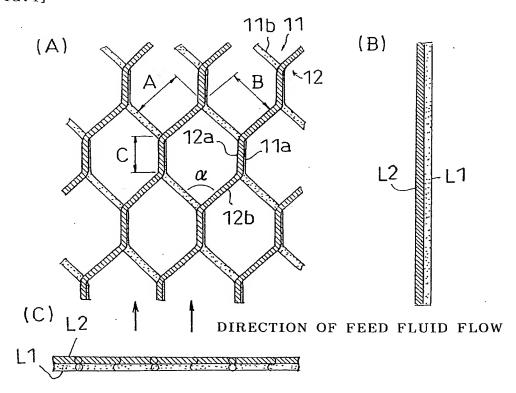
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[FIG.3]



DIRECTION OF FEED FLUID FLOW

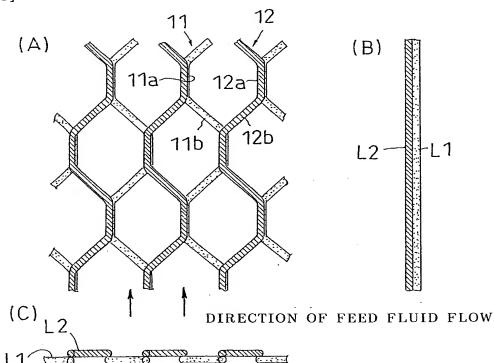
[FIG.4]



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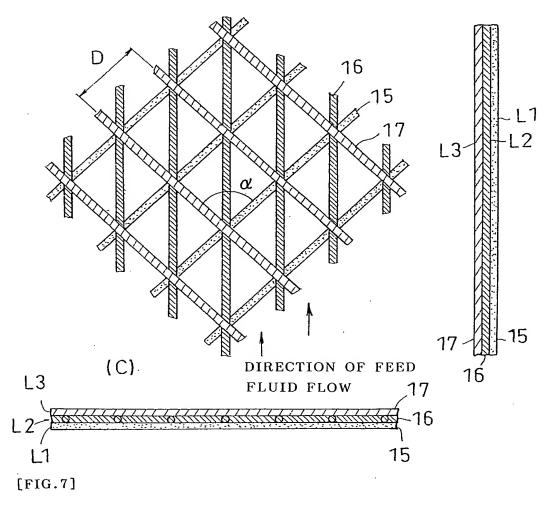
SPIRAL TYPE SEPARATION MEMBRANE ELEMENT Shinichi CHIKURA et al.

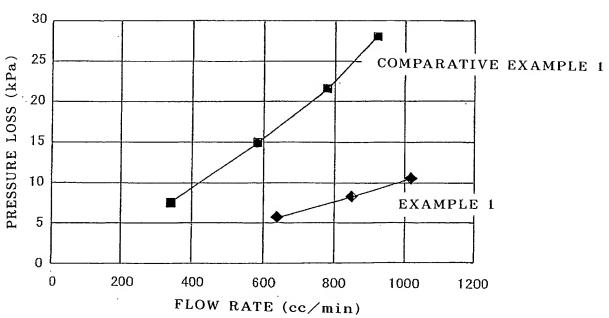
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[FIG.6]

(A) (B)



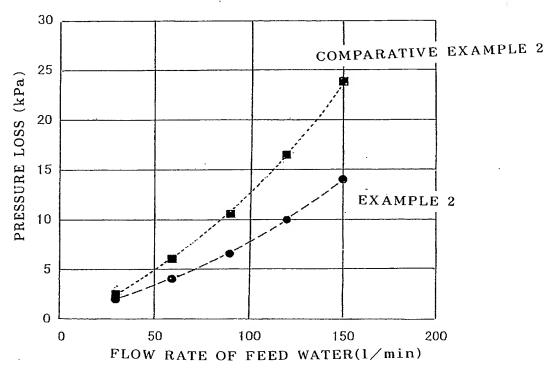


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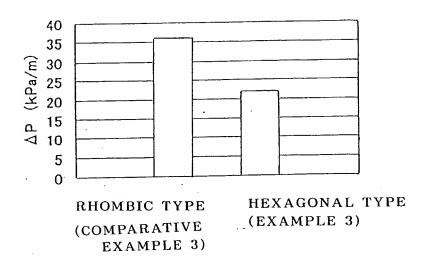
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[FIG.9]

ΔP (COMAPARISON AT AVERAGE FLOW RATE v=0.2m/s)

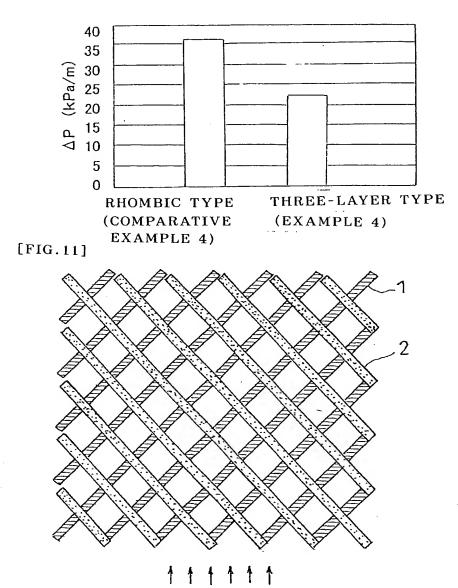


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[FIG.10]

Δ P(COMPARISON AT AVERAGE FLOW RATE v=0.2m/s)



DIRECTION OF FEED FLUID FLOW